

CONCEPT

SYSTEM The ACCESS System makes possible one-second selection of randomly stored unit records. It is simple, inexpensive, and provides multiple cross access. Anyone can operate it. It can be used at individual work stations, at a central facility, or as part of an integrated data processing system.

SYSTEM There are four components: (1) modular selectors for the CONFIGURATION storage and retrieval of randomly stored cards, (2) coders for coding ACCESS cards, (3) remote consoles that control both selectors and coders, and (4) ACCESS cards.

RESPONSE TIME

Card selection takes place one second after code entry, regardless of the size of the document collection. Large files are searched as rapidly as small files.

LOGIC

CUSTOM

SYSTEM COMPATIBILITY

SPECIAL

In addition to conventional alphabetic and numeric codes, sophisticated logic is possible. Examples are: equal-to-or-greater-than, equal-to-or-less-than and plus-or-minus a predetermined value.

Consoles with custom keyboards are available. Custom consoles have 75 keys, which can be individually labeled, thus serving as an index to the document file. The advantage of a custom console is that it frees the user from having to remember codes or consult a code book.

The ACCESS System is compatible with existing equipment for handling tabulating cards, aperture cards, 8-channel edge-perforated cards, magnetically striped ledger cards, microfilm jackets, and microfiches (sheet microfilm). ACCESS units can be used either alone or as components of an overall system in conjunction with other data processing equipment.

ACCESS equipment operates on standard electrical circuits. No special temperature regulation or humidity control is necessary. Noise levels are within normal office ranges. Sound conditioning is unnecessary. Styling and colors harmonize with contemporary office decor.

MODULARITY

Selectors are programmed and controlled by a remote console. The console can operate a single selector, a group of selectors, or all the selectors to which it is connected. Collections of any size can be controlled from a single point and searched instantaneously. As the collection grows, additional selector modules can be connected to the existing system.

SIZE

The ACCESS selector is 17 inches wide, 16 inches deep, and 12 inches or more high (depending upon card size). Selectors can be placed side by side and stacked two, three, and four high. Empty weight of a single selector is less than 60 pounds.

CARD

Selectors utilize special card trays that are 14 inches wide. Tray capacity is as many as 1700 cards. Trays can readily be removed from selectors and replaced. A single selector can thus service a collection of any size. However, most applications will benefit from the use of multiple selectors operating in parallel for the high-activity portion of files; less active records can be stored in trays.

CARD

CODING AND VERIFICATION

CODING

Selectors are available in five card formats: tabulating card $(7^3/_6 \times 3^1/_4)$, plus 6 x 4 for microfiches, 8 x 5, 9 x 6 and $8^1/_2 \times 11$. Cards may be of paper or plastic, transparent or opaque, with or without windows or pockets, and of a variety of thicknesses. Cards can be typed on, written on, and used in standard bookkeeping, posting, and data processing equipment. Different size cards cannot be intermixed in a single selector or selector tray. Selectors for different card formats can be operated in a single system, however, under the control of the same remote console.

ACCESS cards are coded by coders that are controlled from the console. Cards are verified by being placed in a selector and called for by reentering the desired code through the console.

65 coding sites are available on ACCESS cards. The 65 sites can be organized into fields of varying sizes according to the requirements of particular applications. Thirteen numeric characters can be encoded along one edge. Alpha characters can also be encoded. Superimposed coding is feasible.



4632 PADDOCK ROAD . CINCINNATI, OHIO 45237 . Telephone 242-4220 Area Code 513

Dear Sir:

Thank you for your inquiry about ACCESS.

The <u>ACCESS</u> system makes <u>random</u> filing a reality for the first time. With it you can search tens of thousands of records in as little as one second. You retrieve exactly the document you want regardless of where it was last filed.

ACCESS enables you to code your records by a variety of characteristics -- name, number, location, category, etc. -- and make your selection according to any one, or any combination, of these characteristics. The value of the data in your files is greatly increased, because it is now truly accessible.

Misfiling is impossible with the <u>ACCESS</u> system. You eliminate the expense, delays and loss of efficiency that are caused by failure to find vitally needed information. The cost is modest. You can automate a file for as little as a quarter of a clerk's salary.

The enclosed material describes the <u>ACCESS</u> system in detail. Please return the attached reply card with your comments -- additional information is yours for the asking.

Sincerely,

Victor C. Kalthoff

VCK:cb Enclosures:

The ACCESS system, Questions & Answers, and reprint from Business Week 9/4/65.

BUSINESS WEEK September 4, 1965 Fifty cents A McGraw-Hill publication

New products briefs

Information filing and retrieval system comes in desk-top size for about \$1,800



A desk-top system for random filing and information retrieval will be marketed this fall by a psychiatrist turned manufacturer. The device, called Access and made by Access Corp. of Cincinnati, was invented because the psychiatrist, President Robert J. Kalthoff, wanted easy and immediate access to a jumble of papers piled up by research for a book. The system uses special metal-tabbed file cards, a coder that notches the top edge of each card, a card selector, and an electric console that guides the selector.

A code-notched card dropped anywhere among the 1,350 cards in each file drawer can be plucked out by typing its code into the console. The file rises until the tops of the cards press against bars above them. Then the file drops slightly and the cards are left hanging, held by a magnet. At this point, the code activates certain bars against the card tops. If the cards contain the desired information, they will remain in place; if not, they will be pushed away from the magnet and fall back into the file. Price: less than \$1,800.



Bank of 16 ACCESS Selectors under control of remotely located ACCESS GP-16 Console

BUSINESS REPLY MAIL/no postage stamp necessary if mailed in the United States/postage will be paid by



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FIRST CLASS

Permit No. 10813 Cincinnati, Ohio

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